

**MATERIAL SAFETY DATA SHEET**

Manufacturer's Name  
 asterchem® Industries, Inc.  
 O. Box 368  
 135 Highway M  
 Barnhart, Mo. 63012

Transportation Emergency:  
 Call Chemtrec  
 1-800-424-9300  
 Emergency Phone No  
 1-800-325-3552  
 Medical Emergency No.  
 1-800-228-5635 Ext.219

NPCA Hazardous Materials Identification System		
Rating	Identification	
4=EXTREME	HEALTH	2
3=HIGH	FLAMMABILITY	4
2=MODERATE	REACTIVITY	0
1=SLIGHT	CHRONIC HEALTH	See Section V
0=MINIMAL		

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: Hammerite® - Hammered Brown Quick Dry Metal Finish  
 PRODUCT NUMBER: 41120  
 PRODUCT CLASS: Aerosol Spray Paint

**SECTION II A - HAZARDOUS INGREDIENTS**

CAS REGISTRY NUMBER	%W	CHEMICAL NAME(s)	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE	LISTED AS A CARCINOGEN
			TLV	PEL		
67-64-1	39.28	Acetone	750 ppm	750 ppm	231 mm @ 25°C	No
68476-85-7	22.00	Propellant (Propane /Isobutane Blend)	900 ppm	900 ppm	70 PSIG @ 25°C	No
1330-20-7	9.11	Xylene (Mixed Isomers)	100 ppm	100 ppm	9 mm HG @ 25°C	No
64742-95-6	4.42	C <sub>6</sub> to C <sub>10</sub> Aromatic Solvent	80 ppm	-	8 mm Hg @ 25°C	No

**SECTION II B - OTHER INGREDIENTS**

68783-94-8	20-30	Styreneated Alkyd Copolymer	-	-	-	No
12713-03-0	1-5	Burnt Umber Pigment	-	-	-	No
7429-90-5	<1	Aluminum Pigment	-	-	-	No

**SECTION III - PHYSICAL DATA**

APPEARANCE: Brown, Aerosol Spray	ODOR: Mild, Sweet Ketone
BOILING RANGE: Minus 43.7°F to Plus 338°F	VAPOR DENSITY: <input checked="" type="checkbox"/> Heavier <input type="checkbox"/> Lighter Than Air
EVAPORATION RATE: <input checked="" type="checkbox"/> Faster <input type="checkbox"/> Slower Than Butyl Acetate	84.1% Volatile Volume: 6.52 Pounds Wt/Gal

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLAMMABILITY CLASSIFICATION: OSHA 1A	FLASH POINT: Minus 156°F FTCC	LEL: 1.0 UEL: 12.8	DOT: Consumer Commodity ORM-D
<b>FIRE EXTINGUISHING MEDIA</b>			
DRY CHEMICAL <input checked="" type="checkbox"/>	ALCOHOL FOAM <input type="checkbox"/>	WATER FOG <input type="checkbox"/>	FOAM <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Explosive air/vapor mixtures may form when exposed to heat. Vapors are heavier than air and may travel along the ground and be ignited by open flame, sparks static discharge or by other sources of ignition. Containers may burst when exposed to extreme heat. Over exposure to combustion products may cause a health hazard. Obtain medical attention.

**SPECIAL FIREFIGHTING PROCEDURES:** Full protective equipment, including self-contained breathing apparatus, should be used to protect firefighters from any hazardous combustion products.

**SECTION V - HEALTH HAZARD DATA**

**EFFECTS OF OVEREXPOSURE:** Inhalation: Anesthetic, irritation of the respiratory tract or acute nervous system depression characterized by the following progressive steps; headache, dizziness, staggering gait, confusion, unconsciousness, or coma. Skin or eye contact: Primary irritant.  
**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** Reports have associated repeated and prolonged occupation overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**PRIMARY ROUTE(S) OF ENTRY:**DERMAL INHALATION INGESTION 

**EMERGENCY AND FIRST AID PROCEDURES:** Inhalation: Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician. Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes. Take to physician for medical treatment. Splash (skin): Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. Ingestion: Drink 1 or 2 glasses of water to dilute. **DO NOT** induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically.

**SECTION VI - REACTIVITY DATA****STABILITY:**UNSTABLE STABLE **HAZARDOUS POLYMERIZATION:**MAY OCCUR WILL NOT OCCUR 

**HAZARDOUS DECOMPOSITION PRODUCTS:** May produce fumes when heated to decomposition, as in welding or fire. Fumes may contain: carbon monoxide, carbon dioxide, hydrocarbons, oxides of nitrogen and other products of combustion.

**CONDITIONS TO AVOID:** High temperatures or high humidities, ignition sources and vapor build-up.

**INCOMPATIBILITY: (MATERIALS TO AVOID)** Peroxides or strong oxidizing agents.

**SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Limit spread of spill or leak. Remove all sources of ignition and ventilate area. Soak up with inert absorbent material. Use non-sparking tools when removing wet absorbent. See Section VIII for required protective measures. Keep material out of sewers and/or drains

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all local, state and federal regulations. Dry paint and empty aerosol containers may be landfilled. Full or partially full aerosol containers should not be punctured or incinerated and should be treated as hazardous waste which requires disposal at an approved hazardous waste site.

**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

**RESPIRATORY PROTECTION:** If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area.

**VENTILATION:** Open doors and windows to provide ventilation of sufficient volume and pattern to keep air contaminant concentrations below occupational exposure limits as shown in Section II A.

**PROTECTIVE GLOVES:** Required, rubber or neoprene to prevent skin contact.

**EYE PROTECTION:** Use safety eyewear including splash guards or side shields.

**OTHER PROTECTIVE EQUIPMENT:** Wear protective clothing. Remove and wash contaminated clothing before re-use.

**HYGIENIC PRACTICES:** Wash hands before eating or using the washroom. Smoke in smoking areas only.

**SECTION IX - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN STORING:** Store in a cool, well-ventilated area, as a level 3 aerosol (NFPA 30B) and in accordance with OSHA 1910.16. Avoid prolonged exposure to direct sunlight. Do not store near heat, sparks or open flame.

**OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY.** Avoid breathing vapors and spray mists.

Avoid contact with skin and eyes. Protect containers from damage. Do not heat, puncture, or incinerate containers. Contents under pressure and may contain explosive vapors.

Do not remove or deface label. Keep out of the reach of children.

**DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES**

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. The product is no more hazardous than its component parts pursuant to 29CFR 1910.1200 (D). The technical information on this MSDS sheet is based upon information submitted by manufacturers and additional information furnished by distributor's chemical suppliers and manufacturers. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

PREPARED BY: Mr. William R. Benton

DATE PREPARED: April 23, 1999

TITLE: MSDS Coordinator

SUPERSEDES: July 13, 1998

H-BRN-A

(Signature Available Upon Request)